Journal of Neuroscience Methods, 27 (1989) 269–270
Elsevier

Contents Volume 27

Research Papers

How synaptic noise may affect cross-correlations (NSM 00903)
G. Midroni and P. Ashby (Canada) 1

Comparison of vestibular and auditory startle responses in the rat and cat (NSM 00901)
J.A. Gruner (U.S.A.) 13

Determination of intracellular pH in the in vitro hippocampal slice preparation by transillumination spectrophotometry of Neutral red (NSM 00893)
T. J. Sick, T. S. Whittingham and J. C. LaManna (U.S.A.) 25

Rat hippocampal slices 'in vitro' display spontaneous epileptiform activity following long-term organotypic culture (NSM 00896)
C.J. McBain, P. Boden and R.G. Hill (U.K.) 35

Capacitance compensation and bridge balance adjustment in intracellular recording from dendritic neurons (NSM 00897)
C.J. Wilson and M.R. Park (U.S.A.) 51

A simple device for the reliable production of varnish-insulated, high-impedance tungsten microelectrodes (NSM 00900)
M.T. Ciancone and G.V. Rebec (U.S.A.) 77

Statistical and graphical methods for testing the hypothesis that quanta are made up of subunits (NSM 00902)
W. Van der Kloot (U.S.A.) 81

Research Papers

Rates of protein synthesis—a review (NSM 00889)
F.M. Shahbazian, M.S. Jacobs and A. Lajtha (U.S.A.) 91

Noradrenaline depletion protects cholinergic neurons in rat hippocampus against AF64A-induced damage (NSM 00904)
H. Hörtnagl, P.E. Potter, G. Kindel and I. Hanin (Austria, U.S.A.) 103

A non-stereotaxic method for olfactory bulb kindling reveals distinct kindling rates among inbred mouse strains (NSM 00905)
R.C. Green and B.J. Elizondo (U.S.A.) 109

Pulsed linear acceleration as a vestibular stimulus in electrophysiological investigations (NSM 00906)
T.A. Jones and T. Schiltz (U.S.A.) 115

In vitro and in vivo transplantation of fetal rat brain cells following incubation with various anatomic tracing substances (NSM 00907)
L. Stoppinni, G.A. Helm, J.L. Stringer, E.W. Lothman and J.P. Bennett Jr. (U.S.A.) 121

Chronic access to endoneurial space using an arterial autograft (NSM 00908)
J.S. Kroin, J.M. Henderson, H. Weinrib, R.D. Penn and J.M. Kerns (U.S.A.) 133

Contamination of commercially available quisqualic acid by glutamate-like and aspartate-like substances (NSM 00909)
J.-H.J. Cha, Z.R. Hollingsworth, J.T. Greenamyre and A.B. Young (U.S.A.) 143

There is no simple adequate sampling scheme for estimating the myelinated fibre size distribution in human peripheral nerve: a statistical ultrastructural study (NSM 00911)
S. Torch, P. Stoebner, Y. Usson, G. Drouet D'Aubigny and R. Saxod (France) 149

A monolithic patch-clamping amplifier with capacitive feedback (NSM 00912)
J. Prakash, J.J. Paulos and D.N. Jensen (U.S.A.) 165

A fractal analysis of cell images (NSM 00913)
T.G. Smith Jr., W.B. Marks, G.D. Lange, W.H. Sheriff Jr. and E.A. Neale (U.S.A.) 173

Double antigen localization of two catecholamine enzymes and GABA in amacrine cells of the rat retina in semi-thin sections (NSM 00932)
A. Simon, C. Versaux-Botteri, L. Denoroy, A. Vigny and J. Nguyen-Legros (France) 181

Local cerebral glucose uptake in anatomically defined structures of freely moving rats (NSM 00933)
P. Room, A.J.P.C. Tielemans, T. De Boer, J.A.D.M. Tonnaer, J. Wester, J.H.M. Van den Broek and A.M.L. Van Delft (The Netherlands) 191

Anti-ricin antibody protects against systemic toxicity without affecting suicide transport (NSM 00934)
R.G. Wiley and T.N. Oeltmann (U.S.A.) 203

Morphometry of peptide-containing nerves in gut muscle layers: a quantitative approach to the study of autonomic neuro-muscular junctions (NSM 00938)
G.-L. Ferri, F. Innocenti, D. Frongillo, J.M. Polak and N.T. James (Italy, U.K.) 211

0165-0270/89/$03.50 © 1989 Elsevier Science Publishers B.V. (Biomedical Division)

Purification of mammalian cochlear hair cells using small volume Percoll density gradients (NSM 00910)
M.C. Holley (U.K.) 219

Manufacture and use of fused silica cannulas for intracerebral injections in freely moving rats (NSM 00935)
M.L. Berger, H. Reither, R.W. Schmid and H. Lassmann (Austria) 225

Cross-correlation-based evaluations of the impulse transmission in a nerve: simulation and experimental studies (NSM 00936)
L. Fiore, L. Geppetti, D. Ricci and B. Di Vizio (Italy) 235

The sequential-interval state space: a means of displaying temporal information in neuron firing (NSM 00939)
K.P. Eagan and L.D. Partridge (U.S.A.) 245

Somatosensory evoked potentials of the dog: recording techniques and normal values (NSM 00940)
C.W. Vanderzant, R.J. Schott, J.A.E. Natale, C.A. Pondo and L.G. D'Alecy (U.S.A.) 253

Author Index Volume 27 265

Key Word Index Volume 27 267